Boston Limited; Now Offering AMD EPYC[™] 7002 Series Processor based Systems to Customers Who Want to Transform Their Datacentres

Submitted by: Boston Thursday, 8 August 2019

EMBARGOED 00:00 August 8th, 2019, London: Boston is pleased to announce the general release of first-to-market solutions featuring AMD EPYC[™] 7002 Series processors based on Supermicro building blocks including the Boston Quattro 12256-T02 optimised for High Performance Computing (HPC).

Customers can expect a new level of integration and performance for their modern datacentres thanks to the 2nd Gen AMD EPYC[™] Processors, which are expected to deliver up to 2X the performance-per-socket and up to 4X peak FLOPS per-socket over AMD EPYC[™] 7001 Series Processors; along with a comprehensive, consistent feature set of I/O, memory and security features, across 8 to 64 "Zen 2" cores.

Boston's solutions also take advantage of next-generation PCIe® 4.0, offering a colossal increase in system throughput with the opportunity to add more peripherals per motherboard. Also, available for the first time on x86 is DDR4-3200 memory allowing for 2 DIMMs/channel capacity of 4TB/socket , making them ideal for a multitude of workloads and industries including HPC, Cloud/Virtualisation, Render Farm, CAD and Storage.

Manoj Nayee, Managing Director, Boston Limited: "The arrival of 2nd Gen EPYC has been much anticipated and with it brings a number of additional technology advancements not previously available for x86 servers. Initial testing shows that these processors are a disruptor to the market. I am delighted to announce that testing is now available at Boston Labs on a wide range of 2nd Gen EPYC Processors; for customers to discover the benefits for themselves."

"Driven by AMD's history of datacentre innovation, including 7nm process technology, the first x86 supplier to support PCIe 4.0, and embedded security features, the 2nd Gen EPYC Processors set a new standard for the modern datacentre," said Scott Aylor, Corporate Vice President and General Manager, Datacentre Solutions Group, AMD. "Together, these innovations deliver the breakthrough performance customers need."

View the complete range of AMD EPYCTM 7002 Series solutions by Boston here https://www.boston.co.uk/partners/amd.aspx or contact us for a tailored solution. Be EPYCTM!

ENDS

For further information, including product details and specifications, please contact: Maz Lopez Maz.lopez@boston.co.uk +44(0)1727-876-100 Head of Marketing, Boston Limited Monday to Friday, 9 AM to 5:30 PM GMT Notes to editors: About Boston Boston Limited has been providing cutting-edge technology since 1992 using Supermicro® building blocks. Our high performance, mission-critical server and storage solutions can be tailored for each specific client, helping you to create your ideal solution. From the initial specification, solution design and even full custom branding – we can help you solve your toughest business challenges simply and effectively. https://www.boston.co.uk

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Projections as of July 3, 2019 for AMD EPYC processors using computer modeling of preproduction parts and SPECrate®2017_int_base internal testing results. Results may vary with production silicon testing. EPYC 7601 results as of June 2019 http://spec.org/cpu2017/results/res2019q2/cpu2017-20190411-11817.pdf. SPEC®, SPECrate® and SPEC CPU® are registered trademarks of the Standard Performance Evaluation Corporation. See www.spec.org for more information. ROM-23

Estimated generational increase based upon AMD internal design specifications for "Zen 2" compared to "Zen". "Zen 2" has 2X the core density of "Zen", and when multiplied by 2X peak FLOPs per core, at the same frequency, results in 4X the FLOPs in throughput. Actual results with production silicon may vary. ROM-04

"Some supported features and functionality of second generation AMD EPYC[™] processors (codenamed "Rome") require a BIOS update from your server manufacturer when used with a motherboard designed for the first generation AMD EPYC 7000 series processor. A motherboard designed for "Rome" processors is required to enable all available functionality. ROM-06 "

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